

Power Cost Memorandum Fuel Cost Update

Date: **March 3, 2022**

Utility Name (Cert. No.) (344) Tuntutuliak Community Service Assn., Inc.	Utility File No. PC12-0518H	Date Filed: February 14, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC12-0518G	Staff Recommended Amount(s) and Effective Date PC12-0518H
Class Rate	<u>Date Approved:</u> July 1, 2021	March 4, 2022
Residential and Washeteria	\$0.3765	\$0.3738
All Other Community Facilities	\$0.3765	\$0.3738
<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim		
Prior Fuel Purchase Price: \$ <u>2.8656</u>		New Fuel Purchase Price: \$ 2.8324
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted		<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____	Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	<u>Gallons</u>		<u>Price</u>		
On-hand before deliv.	6,500	X	2.8656	=	18,626.51
Delivered	90,003	X	2.8300	=	254,709.93
	<u>96,503</u>				<u>\$ 273,336.44</u>
					Weighted Average
					<u>\$ 2.8324</u>

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Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision regarding this recommendation :

	Date (if different from 3/3/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KLL</i>		
Scott		<i>AGS</i> <small>AGS</small>		
Sullivan		<i>JS</i> <small>JS</small>		
Wilson		<i>JWL</i> <small>JWL</small>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

TUNTUTULIAK COMMUNITY SERVICES ASSOCIATION

Appendix 1

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING DECEMBER 31, 2017

Fuel Cost Update

	PC12-0518G		PC12-0518H
	Prior Commission Approval	Utility Requested	Staff Recommended
A. Total kWh Generated	1,121,923	1,121,923	1,121,923
B. Total kWh Sold (Appendix 2)	969,244	969,244	969,244
C. Total Non-Fuel Costs (Appendix 2)	326,586	326,586	326,586
D. Non-Fuel Cost/kWh (C / B)	\$0.3369	\$0.3369	\$0.3369
E. Total Fuel Costs and Purchased Power (Appendix 2)	251,678	248,924	248,924
F. Fuel and Purchased Power Costs /kWh (E / B)	0.2597	0.2568	0.2568
G. Eligible Costs/kWh (D + F)	0.5966	0.5938	0.5938
H. Eligible Cost/kWh (G) Less 20.63 cents/kWh	\$0.3963	\$0.3935	\$0.3935
I. Lesser of (H) or 79.37 cents/kWh	\$0.3963	\$0.3935	\$0.3935
J. Average Class Rates (Appendix 3)			
Residential and Washeteria	\$0.4497	\$0.4497	\$0.4497
All Other Community Facilities	\$0.4497	\$0.4497	\$0.4497
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential and Washeteria	\$0.3765	\$0.3738	\$0.3738
All Other Community Facilities	\$0.3765	\$0.3738	\$0.3738
L. Funding Level in Effect	100%	100%	100%
Residential and Washeteria	\$0.3765	\$0.3738	\$0.3738
Community Facilities	\$0.3765	\$0.3738	\$0.3738

PC12-0518H
Appendix 1

TUNTUTULIAK COMMUNITY SERVICES ASSOCIATION

Appendix 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING DECEMBER 31, 2017

Fuel Cost Update

		PC12-0518G		PC12-0518H	
		Prior Commission Approval	Per Utility	Staff Recommended	
Non-Fuel Costs:					
A. Personnel Expenses		164,240	164,240	164,240	
B. Operating Expenses		77,867	77,867	77,867	
C. General & Administrative		70,460	70,460	70,460	
D. Depreciation & Amortization		26,764	26,764	26,764	
E. Interest Expense/Other		1,355	1,355	1,355	
F. Other Income		(14,100)	(14,100)	(14,100)	
G. Total Non-Fuel Costs		326,586	326,586	326,586	
Fuel Costs:					
H. Gallons Consumed for Electric Generation		82,943	82,943	82,943	
I. Price of Fuel:(per gal) Weighted Average		2.8656	2.8324	2.8324	
J. Total Fuel Costs		237,683	234,929	234,929	
K. kWh Purchased in test year		45,147	45,147	45,147	
L. Cost per kWh		0.31	0.31	0.31	
M. Total Purchased Power Costs		13,996	13,996	13,996	
N. Total Cost of fuel and purchased power		251,678	248,924	248,924	
O. kWh Generated Diesel		912,780	912,780	912,780	
kWh Generated Wind		163,996	163,996	163,996	
kWh Purchased		45,147	45,147	45,147	
Total Generated and Purchased		1,121,923	1,121,923	1,121,923	
P. kWh Sales		969,244	969,244	969,244	
Q. kWh Station Service		26,725	26,725	26,725	
R. Efficiency (N/G)	≥	11.00	11.00	11.00	
S. Line Loss	≤ 12%	11.23%	11.23%	11.23%	
(kWh Generated -(kWh Sold + Station Service))/kWh Generated					

Weighted Average Fuel Cost:

On Hand	6,500	x	\$2.8656	=	\$18,627	
Delivered	90,003	x	\$2.8300	=	\$254,710	
Total	96,503				\$273,336	Weighted AVG \$2.8324

PC12-0518H
Appendix 2

TUNTUTULIAK COMMUNITY SERVICES ASSOCIATION

Rate Schedule: Residential

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003
500	0.6500		0.6500	325.00	0.6500	0.4497
500				325.00	0.6500	0.4497
TOTAL (A)						(E)

Rate Schedule: Washeteria

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003
500	0.6500		0.6500	325.00	0.6500	0.4497
500				325.00	0.6500	0.4497
TOTAL (A)						(E)

Rate Schedule: All Other Community Facilities

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003
500	0.6500		0.6500	325.00	0.6500	0.4497
500				325.00	0.6500	0.4497
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003
0						
TOTAL (A)						(E)

TUNTUTULIAK COMMUNITY SERVICES ASSOCIATION

	Date	Gallons	Cost per Gallon	Delivery /Mark-up per Gallon	Total Cost
Beginning Fuel Inventory		6,500			
Last Approved Fuel Cost/Gal.			\$ 2.8656		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory C			\$ 18,626.51
Reporting Period Purchases	06/05/21	40,000	2.7700		110,800
	09/21/21	40,000	2.7700		110,800
	09/21/21	10,003	3.3100		33,110
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		90,003			254,710
Grand Totals (beginning inventory plus purchases)		96,503			\$ 273,336
Total Cost for Reporting Period divided by Total Gallons for Reporting Period =				\$ 2.8300	
Grand Total Cost divided by Grand Total Gallons =				\$ 2.8324	

Staff included the Fed-Diesel Tax-LUST of \$0.001/gal and the State-Fuel Surcharge Regular of \$0.0095/gal in the price fuel listed above. Both were included on the invoices however Tuntutuliak did not include them on its report.

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